

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
6 October 2005 (06.10.2005)

PCT

(10) International Publication Number  
WO 2005/093192 A1

(51) International Patent Classification<sup>7</sup>: E05B 39/00,  
G09F 3/03, E05B 47/00, 67/22, 65/16

(21) International Application Number:  
PCT/GB2005/001143

(22) International Filing Date: 21 March 2005 (21.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0406376.4 22 March 2004 (22.03.2004) GB

(71) Applicants and

(72) Inventors: MAPLE, Alan, James [GB/GB]; 7 Linley Road, Cheadle Hulme, Cheadle, Cheshire SK8 7HP (GB). LENNARD, Ian, Martin [GB/GB]; 9 Upton Avenue, Cheadle Hulme, Cheadle, Cheshire SK8 7HX (GB).

(74) Agents: GILLAM, Francis, Cyril et al.; Sanderson & Co., 34 East Stockwell Street, Colchester, Essex CO1 1ST (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

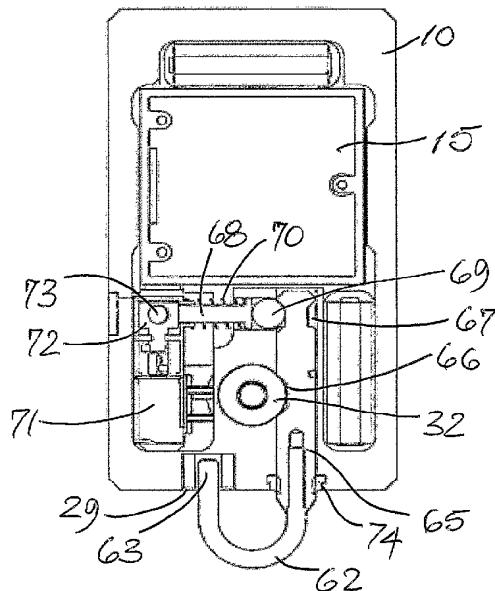
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: LOCK MECHANISM



(57) Abstract: A lock mechanism for sealing a goods compartment has a housing (10) supporting a shackle (62) movable between open and closed positions to permit hoops on the ends of an elongate sealing member (44) to be connected thereto and then held thereby. The shackle (62) is retained in its closed position by a spying loaded push-button (32) and also by an auxiliary lock (64) including an electric actuator (71) controlled by a control unit (15). The housing (10) has a display device (17,18,19) to indicate the lacking condition and sealing of the mechanism and also has a proximity card reader adapted to read information from a presented smartcard, operation of the auxiliary lock (64) being controlled by presentation of an appropriate smartcard.

WO 2005/093192 A1



*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*